INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE PROSECUTION OF THE SUBJECT APPLICATION
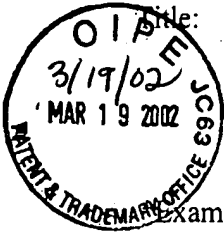
Applicant: V. Faber et al.   Attorney Docket No. LIZA118255

Application No.: 10/006,999   Group Art Unit: 2621

Filed: December 3, 2001

Title: METHOD FOR LOSSLESS ENCODING OF IMAGE DATA BY APPROXIMATING LINEAR TRANSFORMS AND PRESERVING SELECTED PROPERTIES FOR IMAGE PROCESSING

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name

None

FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	English Abstract Provided	Translation Provided

None

OTHER INFORMATION

*Examiner Initial	Cite No.	Description (Including Author, Title, Date, Pertinent Pages, Etc.)
[initialed]	O1	Daubechies, I. and W. Sweldens, "Factoring Wavelet Transforms Into Lifting Steps," *J. Fourier Anal. Appl.* 4:247-269, 1998.
[initialed]	O2	Gohberg, I., et al., *Matrix Polynomials*, Academic Press, New York, 1982, Chapter S-1, "The Smith Form and Related Problems," pp. 313-341.
[initialed]	O3	Park, H., "A Realization Algorithm for $SL_2(R[x_1,\ldots,x_m])$ Over the Euclidean Domain," *SIAM J. Matrix Anal. Appl.* 21:178-184, 1999.
[initialed]	O4	Park, H. and C. Woodburn, "An Algorithmic Proof of Suslin's Stability Theorem for Polynomial Rings," *J. Algebra* 178:277-298, 1995.
[initialed]	O5	Sweldens, W., "The Lifting Scheme: A Custom-Design Construction of Biorthogonal Wavelets," *Appl. Com-put. Harmon. Anal.* 3:186-200, 1996.
[initialed]	O6	Sweldens, W., "The Lifting Scheme: A Construction of Second-Generation Wavelets," *SIAM J. Math. Anal.* 29:511-546, 1998.

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O7 Tolhuizen, L., et al, "On the Realizability of Bi-Orthogonal, M-Dimensional Two-Band Filter Banks," *IEEE Trans. Signal Processing 43*:640-648, 1995.

O8 Villasenor, J., et al., "Wavelet Filter Evaluation for Image Compression," *IEEE Trans. Image Processing 4*:1053-1060, 1995.
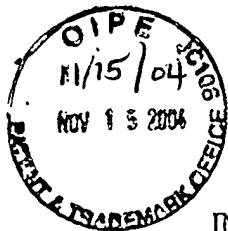
Examiner	Date Considered
	5/11/05 ✓

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None.

OTHER INFORMATION
(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Cite No.	
/JH/	O9	Recommendation ITU-R BT.601-5, "Studio Encoding Parameters of Digital Television for Standard 4:3 and Wide-Screen 16:9 Aspect Ratios," International Telecommunication Union, October 1995, pp. 1-16.

Examiner	Date Considered
/signature/	5/11/05

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